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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<i>Attorney Docket No.</i>	1242/5/2 DIV
<i>First Inventor</i>	Alan R. Brash
<i>Title</i>	LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
<i>Express Mail Label No.</i>	EV412493286US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

22762
 Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
 Applicant claims small entity status.
See 37 CFR 1.27.
S: Specification: [Total Pages 139]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 12]5. Oath or Declaration [Total Sheets 4]
a. Newly executed (original or copy)b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76
ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. CD-ROM or CD-R (2 copies); or
- ii. Paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1499 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Copy of recorded assignment in parent application

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/764,246

Prior application information:

Examiner S. Swope

Art Unit: 1652

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number:	25297	OR	<input type="checkbox"/> Correspondence address below
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Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Arles A. Taylor, Jr.	Registration No. (Attorney/Agent)	39,395
Signature	<i>Arles A. Taylor</i>	Date	11/18/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

22762 U.S. PTO
10/17/2003 111803

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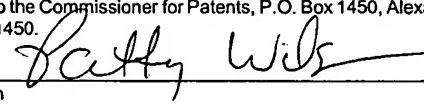
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Date of Deposit November 18, 2003
I hereby certify that this correspondence is being deposited with the
United States Postal Service "Express Mail Post Office to Addressee"
service under 37 C.F.R. 1.10 on the date indicated above and is
addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria,
VA 22313-1450.



Patty Wilson

Re: U.S. Patent Application for
LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
Our Ref. No. 1242/5/2/2 DIV

Sir:

Please find enclosed the following:

1. Utility Patent Application Transmittal Form (1 page);
2. A U.S. patent application (139 pages);
3. Twelve (12) sheets of formal drawings;
4. Sequence Listing in paper (28 pages) and computer readable form (CRF);
5. Statement That Sequence Listing and Computer Readable Copy are the Same (1 page);
6. Preliminary Amendment (3 pages);
7. Copy of executed Declaration (4 pages);
8. Copy of previously recorded executed Assignment (7 pages);

Commissioner for Patents
November 18, 2003
Page 2

9. A return-receipt postcard to be returned to our offices with the U.S. Patent and Trademark Office date stamp thereon; and
10. A Certificate of Express Mail No.: EV412493286US.

Please contact our offices if there are any questions.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.



Arles A. Taylor, Jr.
Registration No. 39,395

AAT/ptw

Enclosures

Customer No: 25297